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Title

Manufacture of isoparaffinic base stock for various lubricants, e.g. lubricating oils and greases, comprises hydroisomerizing waxy hydrocarbon feed, catalytic dewaxing, and removing the lower boiling hydrocarbons

Patent Data

Patent Family

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Abstract

Basic Abstract

WO2000015736 A NOVELTY: An isoparaffinic base stock is made by hydroisomerizing a paraffinic, Fischer-Tropsch synthesized, waxy hydrocarbon feed which continuously boils to at least 1050degreesF to form a hydroisomerate, catalytically dewaxing the hydroisomerate to form a dewaxate, and removing the lower boiling hydrocarbons from the dewaxate. The initial boiling point of the feed, hydroisomerate and dewaxate 650-750degreesF.

DESCRIPTION: An INDEPENDENT CLAIM is also included for a formulated lubricant comprising a mixture of a wide-cut, isoparaffinic base stock and at least one additive, with the base stock obtained as above.

USE: Useful as base stock for various lubricants, e.g. lubricating oils and greases.

ADVANTAGE: The widecut lubricant base stock has a low pour point, high viscosity index, and wide boiling range.

Patentee, Inventor

Patent assignee (ESSO) EXXON RES & ENG CO (ESSO) EXXONMOBIL RES & ENG CO

Inventor(s) BERLOWITZ PJ; HABEEB JJ; RYAN DF; WITTENBRINK RJ

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